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CONSTANT-FLOW PRODUCTION AT MOSCOW TOOL PLANT

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In 1947, a system of constant-flow production, with forced rhythm, was developed at the Moscow Frezer Plant for the manufacture of tools. At present, there are 22 constant-flow lines having a total length of more than one kilometer in operation at the plant. More than 40 percent of the plant's products are put out in constant-flow lines. Approximately 200 machine tools manufactured in the machine-tool-building shop and approximately 1,000 attachments manufactured by the tool makers operate in the constant-flow lines.

The introduction of the constant-flow method has rapidly raised the technical and economic indexes of production. For example, in the manufacture of taps, the length of the production cycles has been reduced to one eleventh of its previous length, the output per machine tool has increased nearly threefold, losses in production have been reduced to less than one ninth of previous losses, the cost of manufacture has been decreased an average of 50 percent, and output in 2 years has increased threefold.

The length of the production cycle in the manufacture of chasers has been decreased to between one sixth and one seventh of its previous length, and the output per unit of equipment has doubled. The cost of production has been reduced an average of 45 percent. The output of chasers in the first 2 years of line operation increased threefold.

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